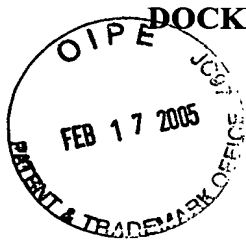


1617
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DOCKET NO.: UNGR-1710

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Evan C. Unger, et al.

Confirmation No.: 9386

Application No.: 10/502,271

Group Art Unit: 1617

Filing Date: July 22, 2004

Examiner: Not Yet Assigned

For: NOVEL TARGETED COMPOSITIONS FOR DIAGNOSTIC AND
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DATE OF DEPOSIT: February 15, 2005

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Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

- ☒ In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of

the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

- ☐ In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.116 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:

- ☐ Certification in Accordance with § 1.97(e) is attached; or
- ☐ The fee of **\$180.00** as set forth in § 1.17(p) is attached.

- ☐ In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of **\$180.00** as set forth in § 1.17(p).

- ☐ Copies of reference numbers listed on the attached Form PTO-1449 are enclosed herewith.

- ☐ Copies of reference numbers - on the attached Form PTO 1449 are not required to be submitted pursuant to 37 CFR § 1.98(a)(2)(i).

- ☒ Copies of references **1 – 177, 242 – 473 and 584 - 659** are not being submitted because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application number **08/851,780**, filed **May 6, 1997** now **U.S. Patent No. 6,090,800** for which a claim for priority under 35 U.S.C. § 120 has been made in the

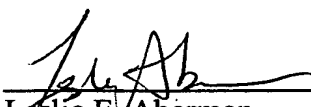
instant application; copies of references 178 – 215, 474 – 506 and 660 – 683 are not being submitted because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application number 09/496,761, filed February 3, 2000 now U.S. Patent No. 6,444,660 for which a claim for priority under 35 U.S.C. § 120 has been made in the instant application; copies of references 216 – 241, 507 – 583 and 684 – 711 are not being submitted because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application number 09/699,679, filed October 30, 1999 for which a claim for priority under 35 U.S.C. § 120 has been made in the instant application.

☐ The relevance of those listed references which are not in the English language is as follows:

There are no listed references which are not in the English language.

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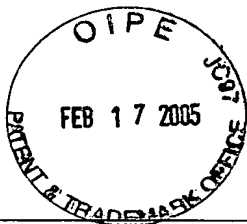
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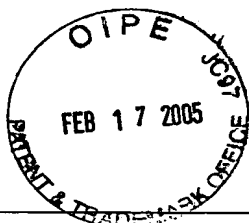
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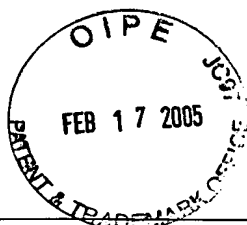
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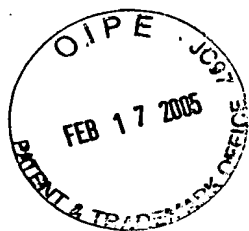
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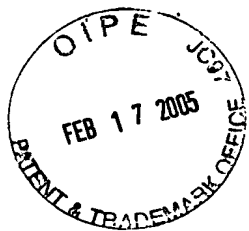
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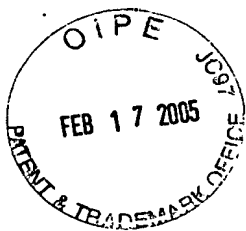
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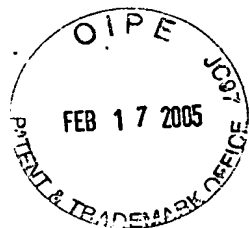
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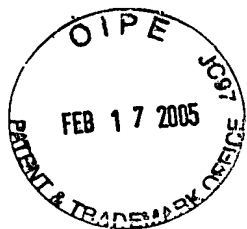
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	209	Young, et al., "Effect of therapeutic ultrasound on the healing of full-thickness excised skin lesions," <i>Ultrasonics</i> , 1990, 28(3), 175-180		
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	211	Chortkoff, B., et al., "Pharmacokinetics do not explain the absence of an anesthetic effect of perfluoropropane or perfluoropentane," <i>Anesth. Analg.</i> , 1994 , 79, 234-237		
	212	Sharma, S.K., et al., "Emulsification methods for perfluorochemicals," <i>Drug Develop. Indust. Pharm.</i> , 1988 , 14(15-17), 2371-2376		
	213	Tilcock, C., et al., "PEG-coated lipid vesicles with encapsulated technetium-99m as blood pool agents for nuclear medicine," <i>Nucl. Med. Biol.</i> , 1994 , 21(2), 165-170		
	214	Tilcock, C., et al., ".sup00m Tc-labeling of lipid vesicles containing the lipophilic chelator PE-DTTA: effect of tin-to-chelate ratio, Chelate content and surface polymer on labeling efficiency and biodistribution behavior," <i>Nucl. Med. Biol.</i> , 1994 , 21(1), 89-96		
	215	Zarif, L., et al., "Synergistic stabilization of perfluorocarbon-pluronic F-68 emulsion by perfluoralkylated polyhydroxylated surfactants," <i>JAOCS</i> , 1989 , 66(10), 1515-1523		
	216	Ding, et al., <i>Chung Kuo Yao Li Hsueh Pao</i> , 1989 , 10(5), 473-475 (abstract only)		
	217	Shinoda, K., et al., "Coloidal Surfactant, The formation of micelles," <i>Academic Press, NY</i> , 1963 , Chap. 1, 1-88		
	218	De Gruyter, W. & Co., "Concise Encyclopedia of Biochemistry," 1988 , 282-283		
	219	Kohler, et al., "Contiuous cultures of fused cells secreting antibody of predefined specificity," <i>Nature</i> , 1975 , 256-495		
	220	Kornmesser, et al., "Gastrointestinal Contrast Enhancement in MRI: First Clinical Experience with Gadolinium-DTPA", <i>Magnetic Resonance Imaging</i> , Vol. 6, Supplement 1, Page 124 (1988)		
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	221	<i>Liposome Technology</i> , Gregoriadis, G., ed., Vol. 1, pp. 29-31, 51-67 and 79-108, CRC Press Inc., Boca Raton, FL. 1984	
	222	Lundblad, R.L., "The Chemical Cross-Linking of Peptide Chains", <i>Techniques in Protein Modification</i> , CRC Press, Inc., Ann Arbor, MI, pp. 249-68 (1995)	
	223	Mousa, et al., "Intravenous Antiplatelet Efficacy and Safety of the Platelet GPIIb/IIIa Antagonist, DMP 728 in Anesthetized Dogs", <i>Thrombosis Research</i> , Vol. 76, No. 2, pp. 109-119 (1994)	
	224	<i>The Merck Index</i> , 10 th Ed., p. 489 (1983)	
	225	van Boeckel, C.A.A. and van Boom, J.H., "Synthesis of Phosphatidyl- α -Glucosyl Glucosyl Glycerol Containing a Dioleoyl Phosphatidyl Moiety. Application of the Tetraisopropylidisiloxane-1, 3-Diyl (TIPS) Protecting Group in Sugar Chemistry. Part III", <i>Tetrahedron</i> , Vol. 41, No. 20, p. 4545-4555, (1985)	
	226	Broomley, et al., "Microbubble contrast agents: a new era in ultrasound," <i>Clinical Review, BMJ</i> , May 19, 2001 , XP008001399, 1222-1225	
	227	Suchkova, V.N., "Enhancement of ultrasound-mediated fibrinolysis by platelet-targeted microbubble contrast agents," <i>Blood</i> , November 16, 2001 , 98(11), Part 1, XP-001109599, Abstract No. 173, 1 page	
	228	Deamer, D.W., "Preparation of solvent vaporization liposomes," <i>Liposome Techn.</i> , 1984 , Vol. 1, Chap. 3, 29-35	
	229	Bedu-Addo, F.K., et al., "Effects of polyethyleneglycol chain length and phospholipids acyl chain composition on the interaction of polyethyleneglycol-phospholipid: implications in liposomal drug delivery," <i>Pharmac. Res.</i> , 1996 , 13(5), 710-717	
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	231	Maruyama, K., et al., "Prolonged circulation time in vivo of large unilamellar liposomes composed of distearoyl phosphatidylcholine and cholesterol containing amphipathic poly(ethylene glycol)," <i>Biochimica et Biophysica Acta</i> , 1992 , 1128, 44-49	
	232	Nikolova, A.N., et al., "Effect of grafted PEG-2000 on the size and permeability of vesicles," <i>Biochimica et Biophysica Acta</i> , 1996 , 120-128	
	233	Ohki, K., et al., "Short- and long-range Ca^{2+} -induced lateral phase separations in ternary mixtures of phosphatidic acid, phosphatidylcholine and phosphatidylethanolamine," <i>Chem. & Physics of Lipids</i> , 1989 , 109-117	
	234	Wolf, et al., "The effect of lysophosphatidylcholine on coronary and renal circulation in the rabbit," <i>Lipids</i> , 1991 , 26(3), 223-226 (abstract 1 page)	
	235	Yu, S.-H., et al., "Effect of pulmonary surfactant protein B (SP-B) and calcium on phospholipids adsorption and squeeze-out of phosphatidylglycerol from binary phospholipids monolayers containing dipalmitoylphosphatidylcholine," <i>Biochimica et Biophysica Acta</i> , 1992 , 1126, 26-34	
	236	Goldberg, B.B., et al., "Ultrasound contrast agents: a review," <i>Ultrasound in Med. & Biol.</i> , 1994 , 20(4), 319-333	
	237	Hansrani, P.K., et al., "The preparation and properties of sterile intravenous emulsions," <i>J. of Parenteral Science & Technology</i> , 1983 , 37(4), 145-150	
	238	Szoka, F., Jr., et al., "comparative properties and methods of preparation of lipid vesicles (liposomes)," <i>Ann. Rev. Biophys. Bioeng.</i> , 1980 , 9, 467-508	
	239	Talsma, H., et al., "Liposomes as drug delivery systems, Part I: Preparation," <i>Pharmaceutical Technology</i> , 1992 , 96-106	
	240	Unger, E., et al., "Gas-filled lipid bilayers as ultrasound contrast agents," <i>Investigative Radiology</i> , 29(Suppl. 2), S134-S136	
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	241	Unger, E., et al., "Gas filled lipid bilayers as imaging contrast agents," <i>J. of Liposome Res.</i> , 1994, 4(2), 861-874		
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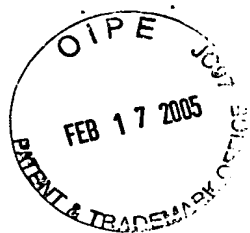


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	242	4,276,885	7/7/81	Tickner et al.	128	660
	243	4,344,929	8/17/82	Bonsen et al.	424	15
	244	4,466,442	8/21/84	Hilmann et al.	128	653
	245	4,533,254	8/6/85	Cook et al.	366	176
	246	4,572,203	2/25/86	Feinstein	128	661
	247	4,603,044	7/29/86	Geho et al.	424	9
	248	4,675,310	6/23/87	Chapman et al.	514	6
	249	4,718,433	1/12/88	Feinstein	128	660
	250	4,728,575	3/1/88	Gamble et al.	428	402.2
	251	4,728,578	3/1/88	Higgins et al.	428	462
	252	4,737,323	4/12/88	Martin et al.	264	4.3
	253	4,774,958	10/4/88	Feinstein	128	660.01
	254	4,863,717	9/5/89	Keana	424	9
	255	4,844,882	7/4/89	Widder et al.	424	9
	256	4,192,859	3/11/80	Mackaness et al.	424	5
	257	4,921,706	5/1/90	Roberts et al.	424	450
	258	4,790,891	12/13/88	Halliday et al.	149	2
	259	4,162,282	7/24/79	Fulwyler et al.	264	9

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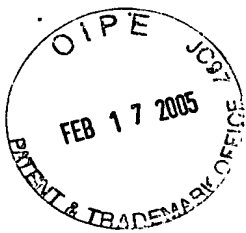


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	260	4,938,947	7/3/90	Nicolau et al.	424	1.1
	261	4,900,540	2/13/90	Ryan et al.	424	9
	262	4,544,545	10/1/85	Ryan et al.	424	1.1
	263	4,331,654	5/25/82	Morris	424	38
	264	3,532,500	10/6/70	Priest et al.	96	91
	265	4,310,506	1/12/82	Baldeschwieler et al.	424	1
	266	4,310,505	1/12/82	Baldeschwieler et al.	424	1
	267	4,586,512	5/6/86	Do-huu et al.	128	660
	268	4,620,546	11/4/86	Aida et al.	128	660
	269	4,658,828	4/21/87	Dory	128	660
	270	4,865,836	9/12/89	Long, Jr.	424	5
	271	4,646,756	3/3/87	Watmough et al.	128	804
	272	4,893,624	1/16/90	Lele	128	399
	273	4,689,986	9/1/87	Carson et al.	73	19
	274	4,657,756	4/14/87	Rasor et al.	424	9
	275	4,781,871	11/1/88	West III et al.	264	4.3
	276	4,957,656	9/18/90	Cerny et al.	252	311

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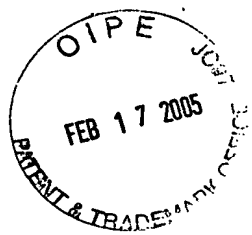


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	277	4,830,858	5/16/89	Payne et al.	424	450
	278	4,684,479	8/4/87	D'Arrigo	252	307
	279	5,215,680	6/1/93	D'Arrigo	252	307
	280	5,171,755	12/15/92	Kaufman	514	759
	281	4,898,734	2/6/90	Mathiowitz et al.	424	426
	282	4,776,991	10/11/88	Farmer et al.	264	4.3
	283	5,088,499	02/18/92	Unger	128	662.2
	284	5,194,266	03/16/93	Abra et al.	424	450
	285	5,198,225	03/30/93	Meybeck et al.	424	450
	286	4,927,623	5/22/90	Long, Jr.	424	5
	287	4,442,843	4/17/84	Rasor et al.	128	660
	288	4,681,119	7/21/87	Rasor et al.	128	660
	289	5,049,388	9/17/91	Knight et al.	424	450
	290	4,315,514	2/16/82	Drewes et al.	128	653
	291	4,569,836	2/11/86	Gordon	424	1/1
	292	4,426,330	1/17/84	Sears	260	403
	293	4,534,899	8/13/85	Sears	260	403

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	294	5,271,928	12/21/93	Schneider et al.	424	9
	295	4,229,360	10/21/80	Schneider et al.	260	403
	296	B1 4,229,360	11/5/91	Schneider et al.	260	403
	297	4,089,801	5/16/78	Schneider	252	316
	298	4,224,179	9/23/80	Schneider	252	316
	299	4,987,154	1/22/91	Long, Jr.	514	772
	300	5,219,538	6/15/93	Henderson et al.	428	402.2
	301	5,316,771	5/31/94	Barenholz et al.	424	450
	302	5,195,520	3/23/93	Schlieff et al.	128	660.02
	303	3,873,564	3/25/75	Schneider et al.	260	309.6
	304	5,045,304	9/3/91	Schneider et al.	424	9
	305	4,877,561	10/31/89	Iga et al.	264	4.3
	306	5,213,804	5/25/93	Martin et al.	424	450
	307	4,895,719	1/23/90	Radhakrishnan	424	45
	308	5,008,050	4/16/91	Cullis et al.	264	4.3
	309	5,114,703	5/19/92	Wolf et al.	424	5
	310	5,013,556	5/7/91	Woodle et al.	424	450
	311	5,000,960	3/19/91	Wallach	424	450

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	312	5,310,540	5/10/94	Giddey et al.	424	9
	313	5,425,366	6/20/95	Reinhardt et al.	128	662.02
	314	4,775,522	10/4/88	Clark, Jr.	424	9
	315	4,731,239	3/15/88	Gordon	424	9
	316	5,350,571	9/27/94	Kaufman et al.	424	9
	317	4,615,879	10/7/86	Runge et al.	424	9
	318	5,380,519	1/10/95	Schneider et al.	424	9
	319	5,393,524	2/28/95	Quay	424	9
	320	5,196,183	3/23/93	Yudelson et al.	424	9
	321	4,996,041	2/26/91	Arai et al.	424	9
	322	5,147,631	9/15/92	Glajch et al.	424	9
	323	5,186,922	2/16/93	Shell et al.	128	654
	324	4,428,924	1/31/84	Millington	424	4
	325	5,413,774	5/9/95	Schneider et al.	424	9.51
	326	5,409,688	4/25/95	Quay	424	9
	327	5,410,516	4/25/95	Uhlendorf et al.	367	7
	328	5,305,757	4/26/94	Unger et al.	128	662.02
	329	5,334,381	8/2/94	Unger	424	9

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	330	5,123,414	6/23/92	Unger	128	654
	331	5,433,204	7/18/95	Olson	128	661.08
	332	5,445,813	8/29/95	Schneider et al.	424	9.51
	333	5,141,738	8/25/92	Rasor et al.	424	2
	334	4,981,692	1/1/91	Popescu et al.	424	422
	335	5,149,319	9/22/92	Unger	604	22
	336	5,209,720	5/11/93	Unger	604	22
	337	5,228,446	7/20/93	Unger et al.	128	662.02
	338	5,230,882	7/27/93	Unger	424	9
	339	5,352,435	10/4/94	Unger	424	9
	340	5,190,982	3/2/93	Erbel et al.	521	56
	341	5,137,928	8/11/92	Erbel et al.	521	56
	342	5,205,287	4/27/93	Erbel et al.	128	632
	343	5,470,582	11/28/95	Supersaxo et al.	424	489
	344	5,529,766	6/25/96	Klaveness et al.	424	9.52
	345	5,487,390	1/30/96	Cohen et al.	128	662.02
	346	5,531,980	7/2/96	Schneider et al.	424	9.52
	347	5,536,489	7/16/96	Lohrmann et al.	424	9.52

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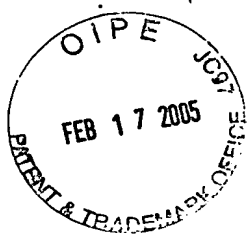


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	348	5,536,490	7/16/96	Klaveness et al.	424	9.52
	349	5,315,997	5/31/94	Widder et al.	128	653.3
	350	5,469,854	11/28/95	Unger et al.	128	662.02
	351	5,505,932	4/9/96	Grinstaff et al.	424	9.3
	352	5,540,909	7/30/96	Schutt	424	9.52
	353	5,496,535	3/5/96	Kirkland	424	9.37
	354	5,344,930	9/6/94	Riess et al.	544	84
	355	5,560,364	10/1/96	Porter	128	662.02
	356	5,562,893	10/08/96	Lohrmann	424	9.52
	357	5,567,413	10/22/96	Klaveness et al.	424	9.51
	358	5,567,414	10/22/96	Schneider et al.	424	9.52
	359	5,567,765	10/22/96	Moore et al.	524	801
	360	5,552,133	09/03/96	Lambert et al.	424	9.52
	361	3,015,128	01/02/62	Sommerville et al.	18	2.6
	362	3,594,326	07/20/71	Himmel et al.	252	316
	363	3,732,172	05/08/73	Herbig et al.	252	316
	364	3,945,956	03/23/76	Garner	260	2.5B
	365	4,108,806	08/22/78	Cohrs et al.	521	54

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	366	4,179,546	12/18/79	Garner et al.	521	56
	367	4,420,442	12/13/83	Sands	264	13
	368	4,421,562	12/20/83	Sands et al.	106	75
	369	4,540,629	09/10/85	Sands et al.	428	402
	370	4,549,892	10/29/85	Baker et al.	65	21.4
	371	5,019,370	05/28/91	Jay et al.	424	4
	372	5,205,290	04/27/93	Unger	128	653.4
	373	4,822,534	04/18/89	Lencki et al.	264	4.3
	374	3,293,114	12/20/66	Kenaga et al.	162	168
	375	3,479,811	11/25/69	Walters	57	153
	376	3,488,714	01/06/70	Walters et al.	161	161
	377	3,615,972	10/26/71	Morehouse et al.	156	79
	378	5,078,994	01/07/92	Nair et al.	424	501
	379	4,138,383	02/06/79	Rembaum et al.	260	29.7H
	380	4,789,501	12/06/88	Day et al.	252	645
	381	3,960,583	06/01/76	Netting et al.	106	122
	382	5,362,478	11/8/94	Desai et al.	424	9
	383	5,281,408	1/25/94	Unger	424	4

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	384	5,456,900	10/10/95	Unger	424	9.4	
	385	5,527,521	6/18/96	Unger	424	93	
	386	5,547,656	8/20/96	Unger	424	9.4	
	387	5,358,702	10/25/94	Unger	424	9	
	388	4,985,550	1/15/91	Charpiot et al.	536	18.4	
	389	5,498,421	3/12/96	Grinstaff et al.	424	450	
	390	4,993,415	2/19/91	Long	128	653 A	
	391	5,573,751	11/12/96	Quay	424	9.52	
	392	5,606,973	03/04/97	Lambert et al.	128	662.02	
	393	5,558,094	09/24/96	Quay	128	662.02	
	394	5,558,853	09/24/96	Quay	424	9.5	
	395	5,558,854	09/24/96	Quay	424	9.52	
	396	5,558,855	09/24/96	Quay	424	9.5	
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	397	5,595,723	01/21/97	Quay	424	9.5
	398	5,585,112	12/17/96	Unger et al.	424	450
	399	5,556,610	09/17/96	Yan et al.	424	9.52
	400	5,578,292	11/25/96	Schneider et al.	424	9.51
	401	4,933,121	06/12/90	Law et al.	264	4.3
	402	5,315,998	05/31/94	Tachibana et al.	128	660.01
	403	5,620,689	04/15/97	Allen et al.	424	178.1
	404	5,643,553	07/01/97	Schneider et al.	424	9.52
	405	5,371,077	12/06/94	Schroepfer, Jr. et al.	514	179
	406	5,641,765	06/24/97	Holt et al.	514	169
	407	5,569,448	10/29/96	Wong et al.	424	9.45
	408	5,804,162	09/08/98	Kabalnov et al.	424	9.51
	409	4,919,895	04/24/90	Heldebrant et al.	422	129
	410	5,135,000	08/04/92	Akselrod et al.	128	662.02
	411	5,672,585	09/30/97	Pierschbacher et al.	514	11
	412	3,401,475	09/17/68	Morehouse et al.	40	306
	413	3,647,784	03/07/72	Stein et al.	260	239.55 R
	414	3,649,620	03/14/72	Ercoli et al.	260	239.55
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	415	3,291,843	12/13/66	Fritz et al.	260	614
	416	3,557,294	01/19/71	Dear et al.	424	342
	417	4,427,649	01/24/84	Dingle et al.	424	38
	418	4,663,161	05/05/87	Mannino et al.	424	89
	419	4,918,065	04/17/90	Stindl et al.	514	179
	420	5,008,109	04/16/91	Tin	424	422
	421	5,107,842	04/28/92	Levene et al.	128	662.02
	422	5,196,348	03/23/93	Schweighardt et al.	436	173
	423	5,339,814	08/23/94	Lasker	128	653.4
	424	5,552,155	09/03/96	Bailey et al.	424	450
	425	5,679,459	10/21/97	Riess et al.	428	402.2
	426	5,711,933	01/27/98	Bichon et al.	424	9.52
	427	5,733,527	03/31/98	Schutt	424	9.52
	428	4,913,852	04/03/90	Milioni et al.	514	179
	429	3,650,831	03/21/72	Jungermann et al.	134	27
	430	3,968,203	07/06/76	Spitzer et al.	424	47
	431	4,027,007	05/31/77	Messina	424	46
	432	4,265,251	05/05/81	Tickner	128	660

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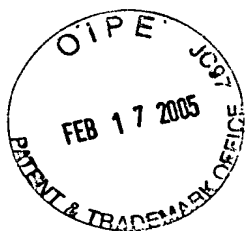


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	433	4,342,826	08/03/82	Cole	435	7
	434	4,572,203	02/25/86	Feinstein	128	661
	435	4,693,999	09/15/87	Axelsson et al.	514	174
	436	4,834,964	05/30/89	Rosen	424	9
	437	4,863,965	09/05/89	Jansen et al.	514	576
	438	4,984,573	01/15/91	Leunbach	128	653
	439	5,004,611	04/02/91	Leigh	424	450
	440	5,015,746	05/14/91	Mizushima et al.	552	569
	441	5,192,549	03/09/93	Barenolz et al.	424	450
	442	5,234,680	08/10/93	Rogers, Jr. et al.	424	9
	443	5,247,935	09/28/93	Cline et al.	128	653.2
	444	5,312,617	05/17/94	Unger et al.	424	9
	445	5,354,549	10/11/94	Klaveness et al.	424	3
	446	5,362,477	11/08/94	Moore et al.	424	9
	447	5,466,467	11/14/95	Singh	424	450
	448	5,485,839	01/23/96	Aida et al.	128	653.1
	449	5,501,863	03/26/96	Rössling et al.	424	489

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	450	5,502,094	03/26/96	Moore et al.	524	145
	451	5,542,935	08/06/96	Unger et al.	604	190
	452	5,545,396	08/13/96	Albert et al.	424	93
	453	5,558,092	09/24/96	Unger et al.	128	660.03
	454	5,558,856	09/24/96	Klaveness et al.	424	9.37
	455	5,569,449	10/29/96	Klaveness et al.	424	9.51
	456	5,580,575	12/03/96	Unger et al.	424	450
	457	5,593,680	01/14/97	Bara et al.	424	401
	458	5,605,673	02/25/97	Schutt et al.	424	9.51
	459	5,612,057	03/18/97	Lanza et al.	424	450
	460	5,614,169	03/25/97	Klaveness et al.	424	9.52
	461	5,626,833	05/06/97	Schutt et al.	424	9.52
	462	5,639,443	06/17/97	Schutt et al.	424	9.52
	463	5,676,928	10/14/97	Klaveness et al.	424	9.32
	464	5,686,060	11/11/97	Schneider et al.	424	9.52
	465	5,686,102	11/11/97	Gross et al.	424	450
	466	5,707,606	01/13/98	Quay	424	9.52

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	467	5,707,607	01/13/98	Quay	424	9.52
	468	5,716,597	02/10/98	Lohrmann et al.	424	9.5
	469	5,732,707	03/31/98	Widder et al.	128	661.08
	470	5,740,807	04/21/98	Porter	128	662.02
	471	5,840,023	11/24/98	Oraevsky et al.	600	407
	472	5,855,865	01/05/99	Lambert et al.	424	9.52
	473	5,858,399	01/12/99	Lanza et al.	424	450
	474	4,485,193	11/27/84	Rubens et al.	521	58
	475	5,639,473	06/17/97	Grinstaff et al.	424	450
	476	5,648,098	07/15/97	Porter	424	490
	477	5,770,222	06/23/98	Unger et al.	424	450
	478	5,695,460	12/09/97	Siegel, et al.	604	21
	479	5,830,430	11/03/98	Unger, et al.	424	1.21
	480	5,997,898	12/07/99	Unger	424	450
	481	6,056,938	05/02/00	Unger, et al.	424	1.21
	482	4,972,002	11/20/90	Volkert	521	120
	483	5,512,268	04/30/96	Grinstaff, et al.	424	322

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	484	5,567,415	10/22/96	Porter	424	9.52
	485	5,846,517	12/08/98	Unger	424	9.52
	486	5,849,727	12/15/98	Porter, et al.	514	156
	487	5,530,360	07/1985	Duarte	128	419
	488	B14229360	11/1991	Schneider, et al.	270	403
	489	5,118,494	06/1992	Schultz, et al.	424	45
	490	5,173,298	12/1992	Meadows	424	427
	491	5,190,766	03/1993	Ishihara	424	489
	492	5,460,800	10/1995	Walters	424	9
	493	5,508,021	04/1996	Grinstaff, et al.	424	9
	494	5,556,372	09/1996	Talish, et al.	601	2
	495	5,562,608	10/1996	Sekins, et al.	604	20
	496	5,562,215	10/1996	Gref, et al.	424	501
	497	5,571,797	11/1996	Ohno, et al.	514	44
	498	5,612,318	03/1997	Weichselbaum, et al.	514	44
	499	5,648,098	07/1997	Porter	424	490
	500	5,701,899	12/1997	Porter	428	662

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	501	5,736,121	04/1998	Unger	424	9
	502	5,874,062	02/1999	Unger	424	9
	503	5,897,851	04/1999	Quay, et al.	424	9
	504	5,976,501	11/1999	Jablonski	424	9
	505	6,090,800	07/18/00	Unger, et al.	514	180
	506	6,444,660 B1	09/03/02	Unger, et al.	514	180
	507	5,539,814	07/23/96	Shoji	379	215
	508	4,530,360	07/23/85	Duarte	128	419 F
	509	6,090,800	07/18/00	Unger	514	180
	510	6,028,066	02/22/00	Unger	514	180
	511	4,621,023	11/4/86	Redziniak, et al.	428	402.2
	512	5,194,188	03/16/93	Guitierrez	264	4.1
	513	5,283,255	02/01/94	Levy, et al.	514	410
	514	5,380,411	01/10/95	Schlieff	204	157.15
	515	6,068,857	05/30/00	Weitschies, et al.	424	489
	516	6,159,445	12/12/00	Klaveness, et al.	424	9.6

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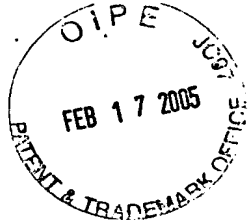


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	517	6,261,537 B1	07/17/01	Klaveness, et al.	424	9.52
	518	6,331,289 B1	12/18/01	Klaveness, et al.	424	9.52
	519	4,767,610	08/30/88	Long	424	5
	520	4,866,096	09/12/89	Schweighardt	514	756
	521	4,895,876	01/23/90	Schweighardt, et al.	514	747
	522	5,077,036	12/31/91	Long, Jr.	424	5
	523	5,080,885	01/14/92	Long, Jr.	424	5
	524	5,393,513	02/28/95	Long, Jr.	424	5
	525	5,403,575	04/04/95	Kaufman, et al.	424	1.89
	526	5,496,536	03/05/96	Wolf	424	9.322
	527	5,514,720	05/07/96	Clark, Jr., et al.	514	749
	528	5,536,753	07/16/96	Clark, Jr.	514	749
	529	5,571,498	11/05/96	Cacheris, et al.	424	9.365
	530	5,635,539	06/03/97	Clark, Jr., et al.	514	759
	531	5,785,950	07/28/98	Kaufman, et al.	424	1.89
	532	5,958,371	09/28/99	Lanza, et al.	424	1.21
	533	5,980,936	11/09/99	Krafft, et al.	424	450

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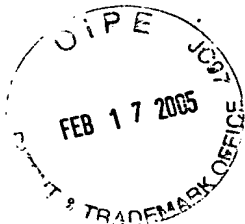


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	534	5,989,520	11/23/99	Lanza, et al.	424	9.32
	535	6,258,378 B1	07/10/01	Schneider, et al.	424	450
	536	4,303,736	12/01/81	12/01/81	428	403
	537	4,582,756	04/15/86	04/15/86	428	327
	538	5,919,434	07/16/99	Dugstad, et al.	424	9.52
	539	6,123,923	09/26/00	Unger, et al.	424	9.52
	540	6,165,442	12/26/00	Swaerd-Nordmo, et al.	424	9.52
	541	US 6,231,834 B1	05/15/01	Unger, et al.	424	9.51
	542	US 2001/0031243 A1	10/18/01	Unger	424	9.51
	543	4,863,740	09/05/89	Kissel, et al.	424	450
	544	5,580,575	12/03/96	Unger, et al.	424	450
	545	5,656,211	08/12/97	Unger, et al.	264	4.1
	546	5,705,187	01/06/98	Unger	424	450
	547	5,715,824	02/10/98	Unger, et al.	128	662.02
	548	5,733,572	03/31/98	Unger, et al.	424	450
	549	5,773,024	06/30/98	Unger, et al.	424	450
	550	5,776,429	07/07/98	Unger, et al.	424	9.52

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	551	5,853,752	12/29/98	Unger, et al.	424	450
	552	5,922,304	07/13/99	Unger	424	9.3
	553	5,935,553	08/10/99	Unger, et al.	424	9.51
	554	6,028,066	02/22/00	Unger	514	180
	555	6,033,645	03/07/00	Unger, et al.	424	9.5
	556	6,033,646	03/07/00	Unger, et al.	424	9.52
	557	6,039,557	03/21/00	Unger, et al.	425	429
	558	6,071,494	06/06/00	Unger	424	9.4
	559	6,071,495	06/06/00	Unger, et al.	424	9.51
	560	6,088,613	07/11/00	Unger	600	420
	561	6,090,800	07/18/00	Unger, et al.	514	180
	562	6,117,414	09/12/00	Unger	424	9.4
	563	6,139,819	10/31/00	Unger, et al.	424	9.52
	564	6,143,276	11/07/00	Unger	424	9.3
	565	6,146,657	11/14/00	Unger, et al.	424	450
	566	6,231,834 B1	05/15/01	Unger, et al.	424	9.51
	567	6,315,981 B1	11/13/01	Unger	424	9.323

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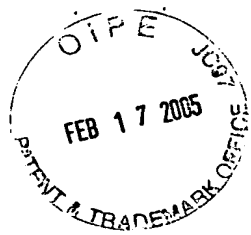


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	568	6,414,139 B1	07/02/02	Unger, et al.	536	413
	569	6,416,740 B1	07/09/02	Unger	424	9.52
	570	6,443,898 B1	09/03/02	Unger, et al.	600	458
	571	6,444,660 B1	09/03/02	Unger, et al.	514	180
	572	6,461,586 B1	10/08/02	Unger	424	9.32
	573	6,479,034 B1	11/12/02	Unger, et al.	424	9.51
	574	6,521,211 B1	02/18/03	Unger, et al.	424	9.52
	575	6,528,039 B2	03/04/03	Unger	424	9.4
	576	6,537,246 B1	03/25/03	Unger, et al.	604	82
	577	6,548,047 B1	04/15/03	Unger	424	9.51
	578	6,551,576 B1	04/22/03	Unger, et al.	424	9.52
	579	6,576,220 B2	06/10/03	Unger	424	9.32
	580	6,635,017 B1	10/21/03	Moehring, et al.	600	439
	581	6,680,047 B2	01/20/04	Klaveness, et al.	424	9.52
	582	6,682,502 B2	01/27/04	Bond, et al.	604	22
	583	6,716,412 B2	04/06/04	Unger	424	9.52

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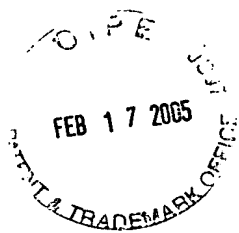


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Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
	584	WO 85/01161	3/14/85	PCT		
	585	2 193 095 A	2/3/88	Great Britain		
	586	0 361 894	4/4/90	EPA		
	587	WO 86/01103	2/27/86	PCT		
	588	0 272 091	6/22/88	EPO		
	589	WO 91/00086	01/10/91	PCT (France)	X (abstract)	
	590	WO 91/15244	10/17/91	PCT		
	591	0 338 971	10/25/89	EPO (Germany)	X (abstract)	
	592	0 107 559	05/02/84	EPO (France)	X (abstract)	
	593	WO 82/01642	5/27/82	PCT		
	594	WO 89/05040	6/1/89	PCT		
	595	WO 86/00238	1/16/86	PCT		
	596	WO 90/04943	5/17/90	PCT		
	597	WO 80/02365	11/13/80	PCT		
	598	WO 93/05819	1/4/93	PCT		
	599	WO 93/06869	4/15/93	PCT		
	600	WO 93/20802	10/28/93	PCT		
	601	SHO 63-60943	3/17/88	Japan		

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FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
	602	0 554 213 A1	8/4/93	EPO		
	603	0 314 764 B1	9/9/92	EPO		
	604	0 458 745 A1	11/27/91	EPO		
	605	0 216 730	1/23/91	EPO		
	606	WO 93/13809	7/22/93	PCT		
	607	WO 92/10166	6/25/92	PCT		
	608	0 324 938	7/26/89	EPO		
	609	0 231 091	8/5/87	EPO		
	610	WO 92/17212	10/15/92	PCT		
	611	WO 92/17213	10/15/92	PCT		
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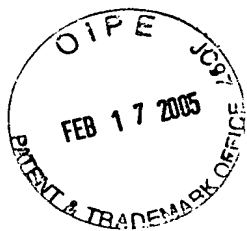
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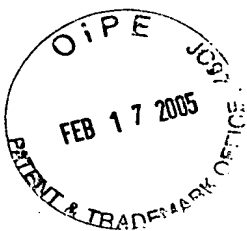


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